

How to change: Peugeot 307 SW rear shock absorbers – replacement guide

 VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
PEUGEOT 307 (3A/C) 2.0 HDi 135, PEUGEOT 307 Break (3E) 2.0 HDi 135, PEUGEOT 307 CC (3B) 2.0 HDi 135, PEUGEOT 307 SW (3H) 2.0 HDi 135, PEUGEOT 308 SW I (4E_, 4H_) 2.0 HDi

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The steps may slightly vary depending on the car design.

REPLACEMENT: SHOCK ABSORBERS – PEUGEOT 307 SW. LIST OF THE TOOLS YOU'LL NEED:



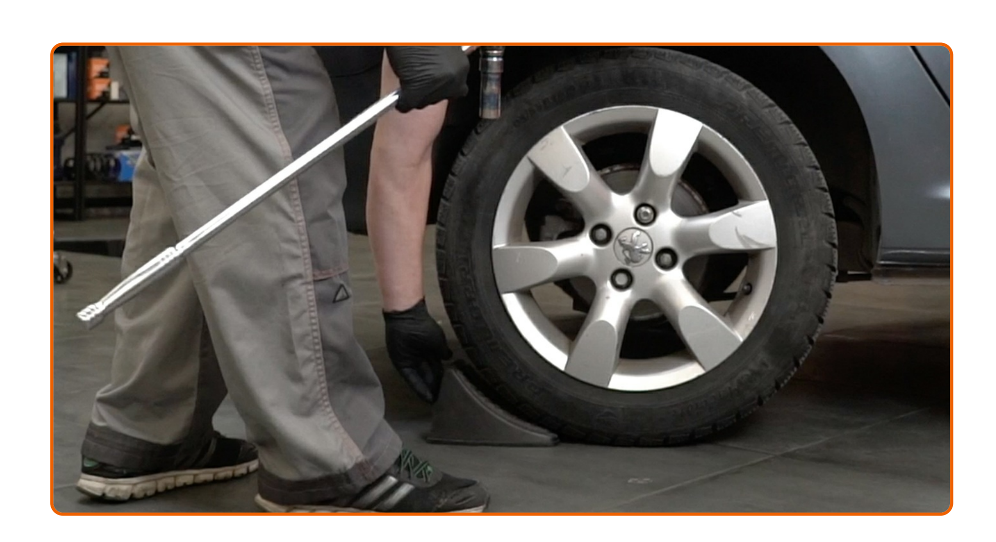
- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Torque wrench
- Combination spanner #13
- Drive socket # 13
- Drive socket # 15
- Drive socket # 16
- Wheel impact socket #17
- Ratchet wrench
- Shock absorber socket #DD6
- Vice
- Hydraulic transmission jack
- Wheel chock

Replacement: shock absorbers – Peugeot 307 SW. Tip from AUTODOC experts:

- Both shock absorbers of the rear suspension should be replaced simultaneously.
- The replacement procedure is identical for the left and right shock absorbers of the rear suspension.
- Please note: all work on the car – Peugeot 307 SW – should be done with the engine switched off.

CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Secure the wheels with chocks.



2



Loosen the wheel mounting bolts. Use wheel impact socket #17.

3



Raise the rear of the car and secure on supports.

4



Unscrew the wheel bolts.

Replacement: shock absorbers – Peugeot 307 SW. AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

5



Remove the wheel.

6



Clean the shock absorber fasteners. Use a wire brush. Use WD-40 spray.

7



Support the rear suspension beam. Use a hydraulic transmission jack.

8



Unscrew the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a ratchet wrench.

9

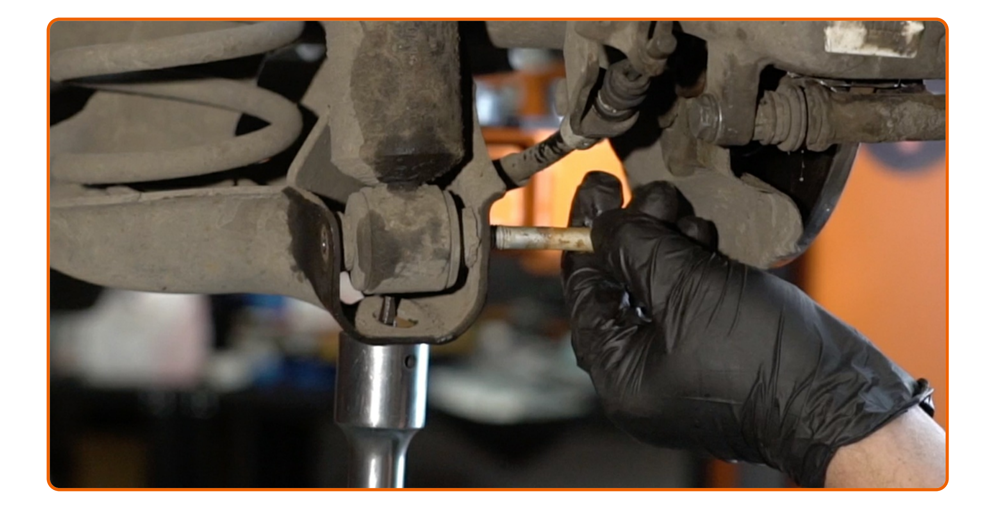


Unscrew the upper fastener of the shock absorber. Use a drive socket #13. Use a ratchet wrench.

AUTODOC recommends:

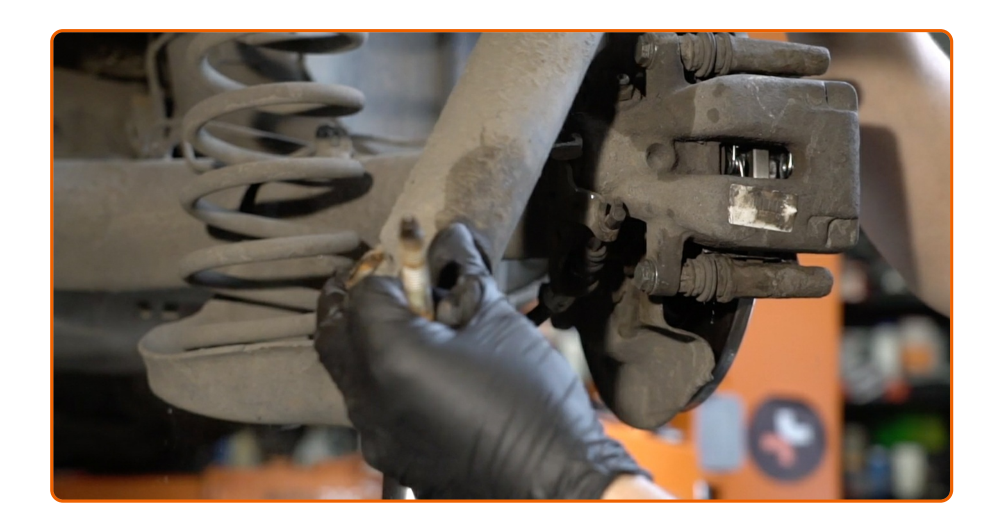
- Important! Hold the shock absorber while unscrewing the fastening bolts. Peugeot 307 SW

10



Remove the fastening bolts.

11



Remove the shock absorber.

12



Grip the shock absorber in a vice.

13



Clean the shock absorber rod fastener. Use a wire brush. Use WD-40 spray.

14



Remove the shock absorber piston rod fastening. Use a shock absorber socket DDN°6. Use a drive socket #16. Use a ratchet wrench.

15



Remove the shock absorber mount, boot and bump stop.

AUTODOC recommends:

- Replacement: shock absorbers – Peugeot 307 SW. Carefully inspect the mount, the boot, and the bump stop of the shock absorber. Replace if necessary.
- Before installing a new shock absorber you should pump it manually 3-5 times.

16



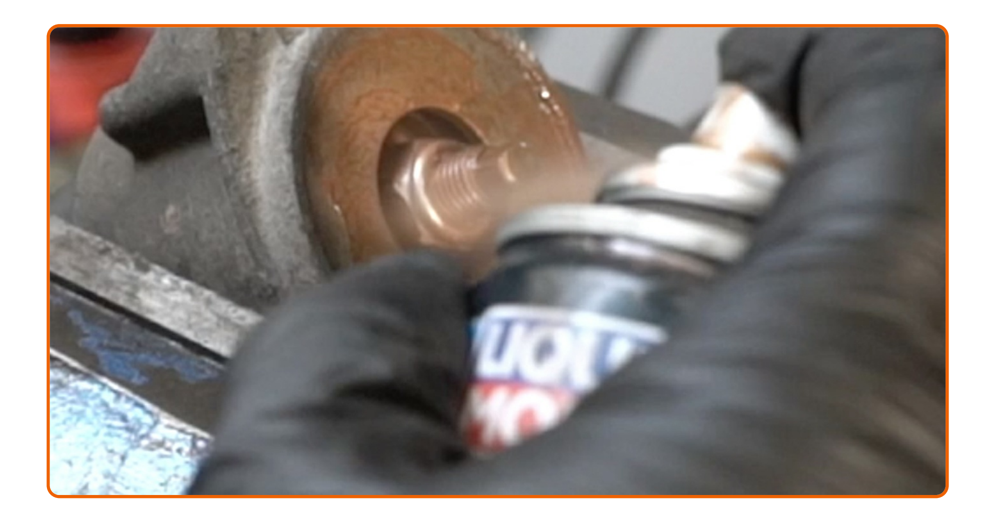
Install the mount, boot and bump stop onto a new shock absorber.

17



Tighten the shock absorber rod nut. Use a shock absorber socket DDN°6. Use a drive socket #16. Use a torque wrench. Tighten it to 52 nm torque.

18



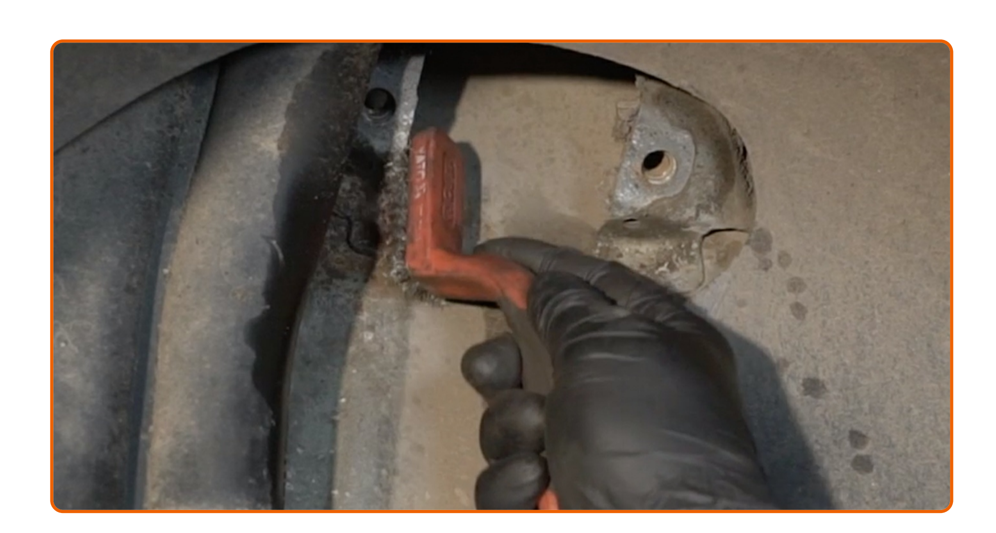
Treat the shock absorber rod fastener. Use copper grease.

19



Release the vice and take out the shock absorber.

20



Clean the shock absorber mounting seats. Use a wire brush. Use WD-40 spray.

21

Treat the shock absorber mounting seats. Use copper grease.

22

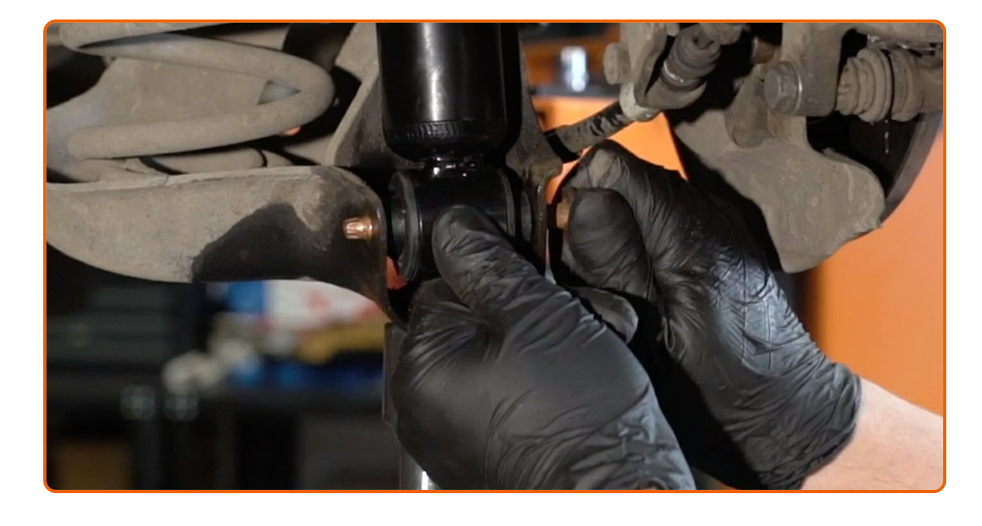


Place the shock absorber in the wheel arch and secure it.

Replacement: shock absorbers – Peugeot 307 SW. Tip:

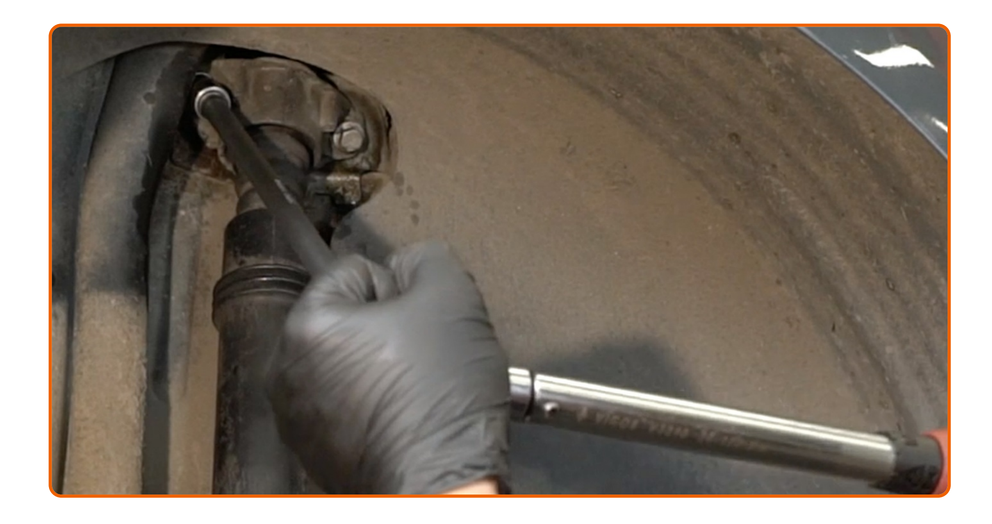
- To avoid injury, hold the shock absorber cautiously tight when screwing in the fastening bolts.

23



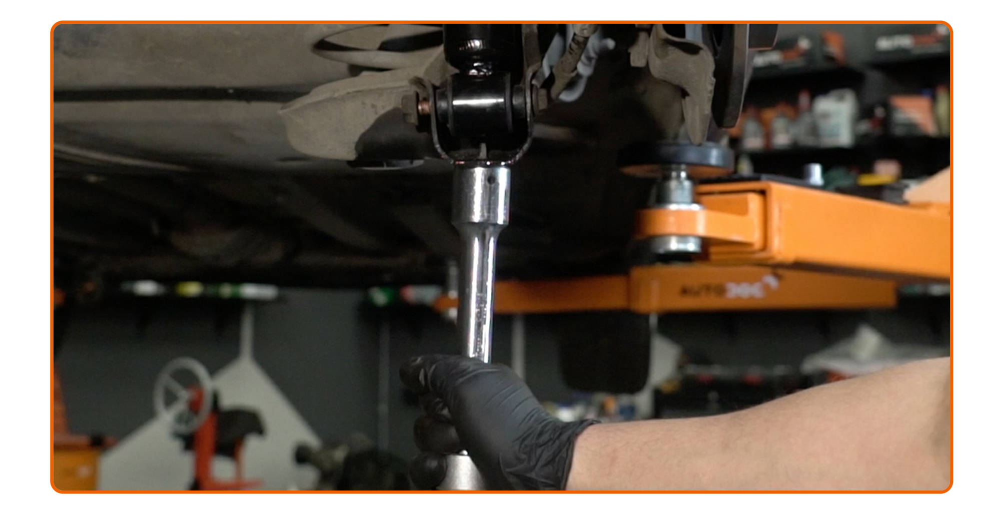
Install the fastening bolts.

24



Tighten the top shock absorber fastening. Use a drive socket #13. Use a torque wrench. Tighten it to 50 Nm torque.

25



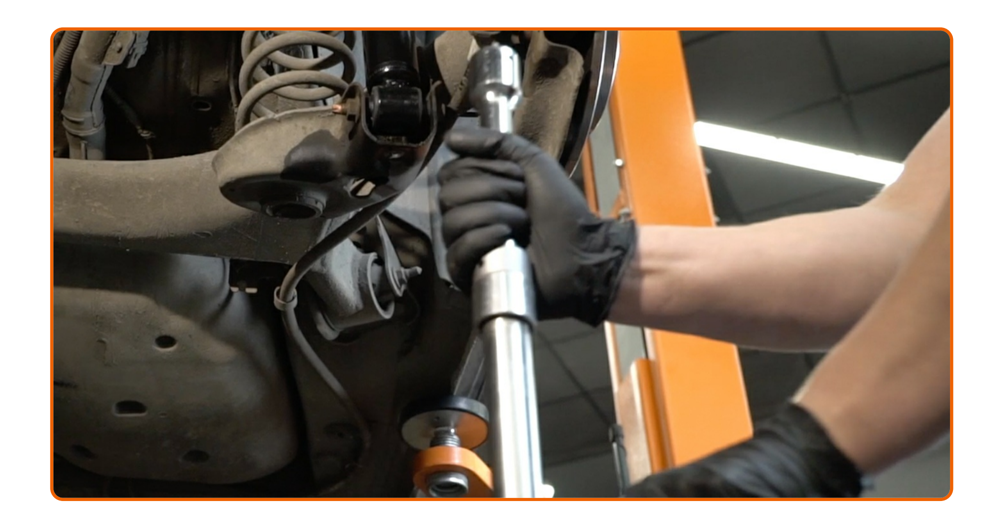
Raise the hydraulic transmission jack by 10-15 cm.

26



Tighten the lower fastener of the shock absorber. Use a combination spanner #13. Use a drive socket #15. Use a torque wrench. Tighten it to 70 Nm torque.

27



Remove the mounting from under the rear axle beam.

AUTODOC recommends:

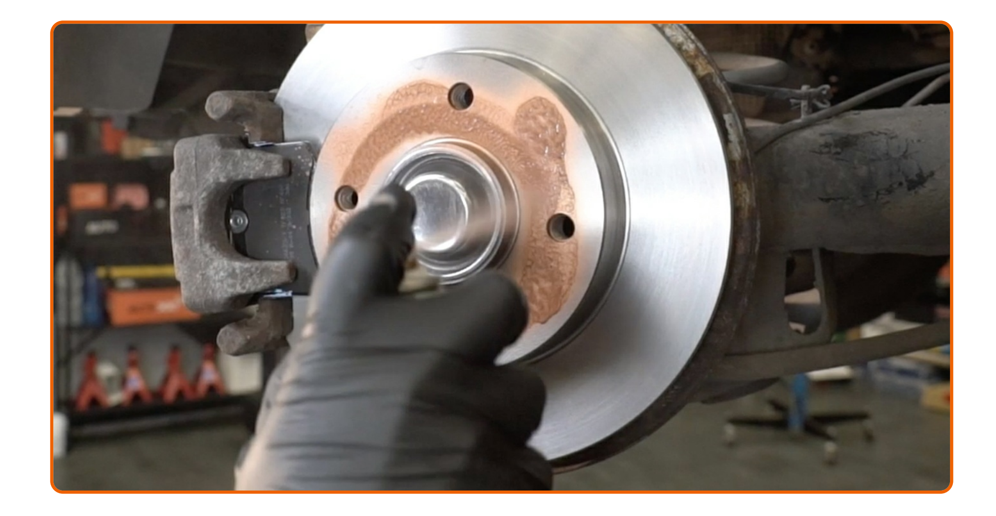
- Replacement: shock absorbers – Peugeot 307 SW. Lower the transmission jack smoothly, without jerks, to avoid damaging components and mechanisms.

28



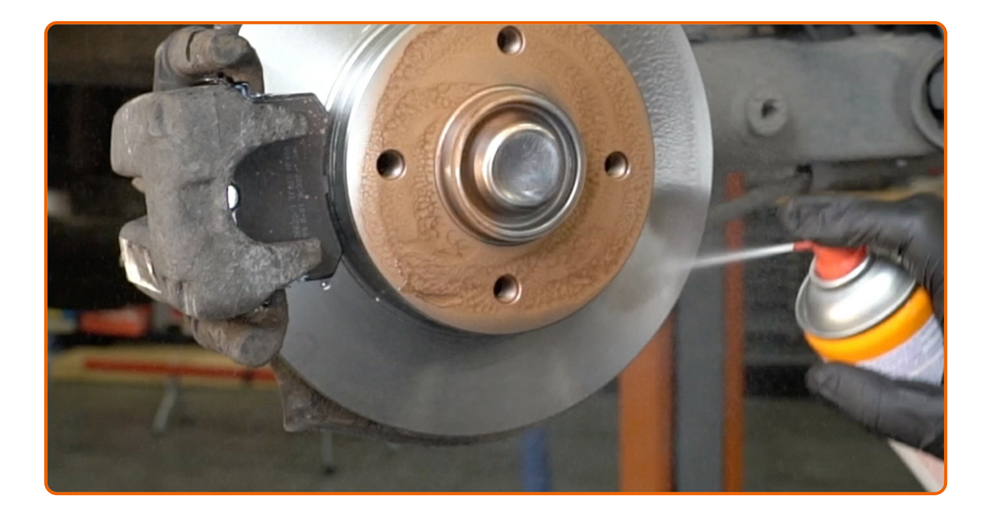
Treat the shock absorber fasteners. Use copper grease.

29



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

30



Clean the brake disk surface. Use a brake cleaner.

Replacement: shock absorbers – Peugeot 307 SW. Tip from AUTODOC:

- After applying the spray, wait a few minutes.

31



Install the wheel.



AUTODOC recommends:

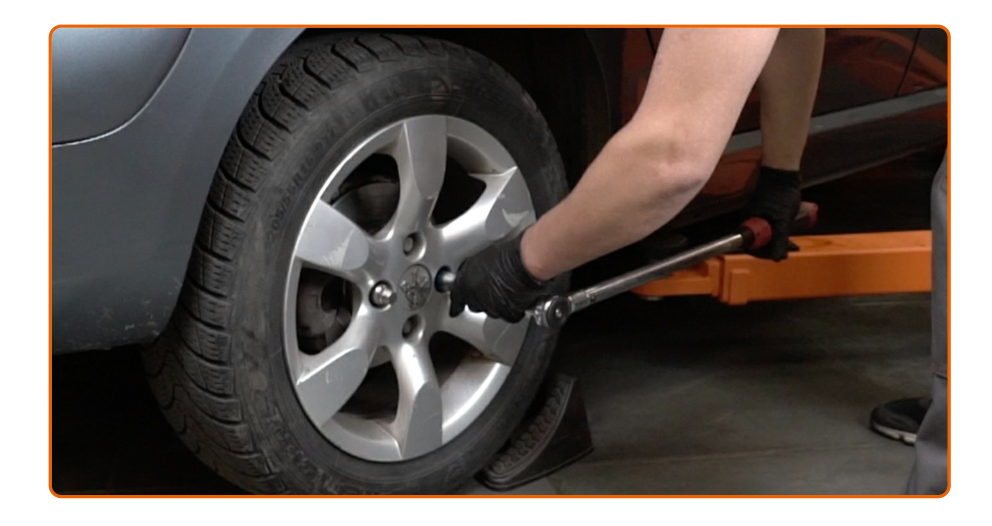
- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. Peugeot 307 SW

32



Screw in the wheel bolts. Use wheel impact socket #17.

33



Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 Nm torque.

34



Remove the jacks and chocks.

DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

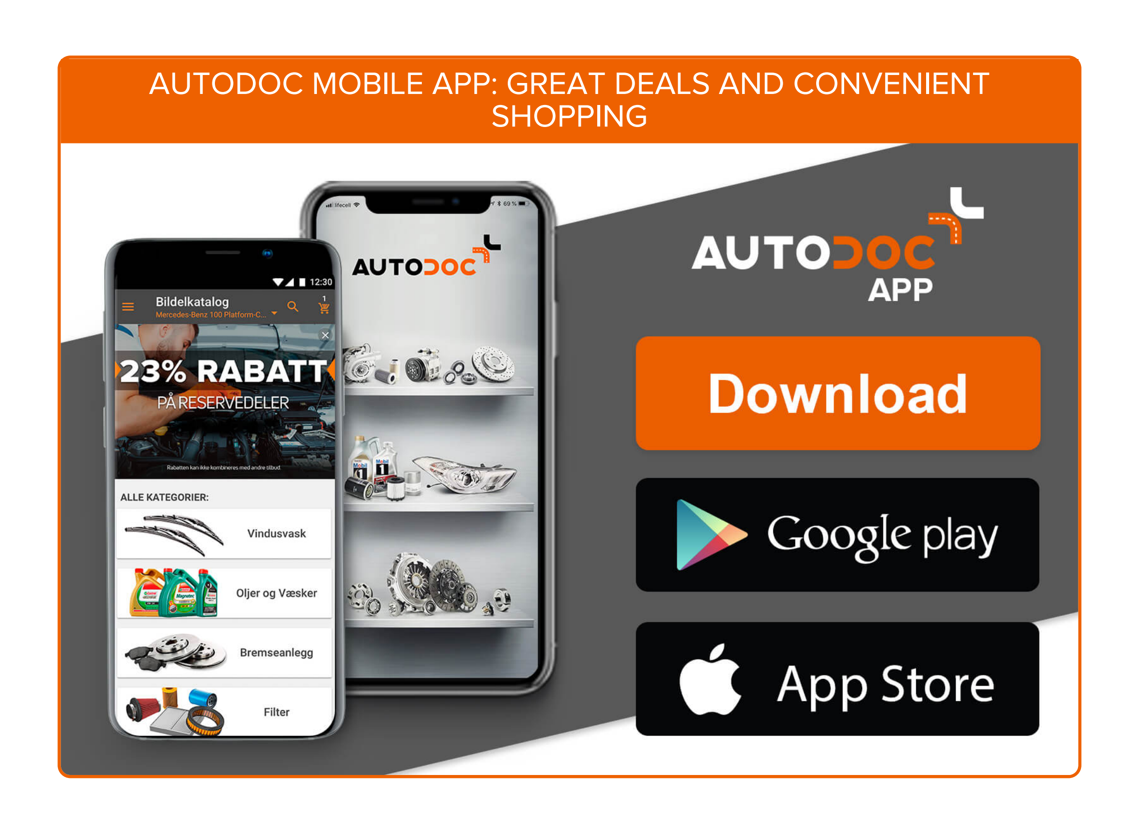
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